

# Work Order ID 58089

April 22, 2010 2:55:36 PM



Page 1

Item ID: D3852-042

Accept



Setup Start



Revision ID:

Item Name: Rib Assembly

Stop



Start Date: 22/04/2010 Start Qty: 2.00



Cust Item ID:

Required Date: 29/04/2010 Req'd Qty: 2.00



Customer:

Reference:

Approvals:

Process Plan:

*M*

Date: *10-4-27*

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Draw  
Number

Draw  
Rev.

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

Draw Nbr

Revision Nbr

D3852

Rev A

100

0.00



Large Fab

Large Fab

Memo

0.00

Large Fab

1- pick D3166-3 to cut D3852-2 rib (RH) as per dwg D3852 using DT9440 jig

2- drill hole (3/16") in D3852-2 using DT9439 jig and open to finish size as per dwg D3852

3- c'sink hole as per dwg

4- remove identification markings

5- deburr

6- weld D3759-1 bushing as per dwg D3852

A/R ER316 S.S. Rod Batch: *111679*

7- grind bushing weld flush as per dwg dwg D3852

8- deburr hole if necessary

*SAD 10-05-05*

*(2)*

*Cpl 10.05.05*

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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**NOTE:** Date & initial all entries

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Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run HoursDraw  
NumberDraw  
Rev.Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

130

QC9- Inspect visual per QSI004- Fusion Welds

0.00



QC

Memo

0.00

Quality Control

② PD 10.05.06

140

QC5- Inspect part completeness to step on W/O

0.00



QC

Memo

0.00

Quality Control

Sulista

② 042

150

Identify as per dwg & Stock Location: WA

0.00



Packaging

Memo

0.00

Packaging

SAD  
10-05-06

②

W/O:		WORK ORDER CHANGES					
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Page 3

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Customer:

Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_  
QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Run Start



Stop

Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run HoursDraw  
NumberDraw  
Rev.Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

160

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

10/05/07

MF

10-5-6

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

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DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

April 22, 2010 2:55:41 PM

Page 1

Work Order ID: 58089

Parent Item: D3852-042

Parent Item Name: Rib Assembly

Comments: IPP Rev:A 08-12-02 new issue DD verified by:EC



Start Date: 22/04/2010

Required Date: 29/04/2010

Start Qty: 2.00

Required Qty: 2.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	--------------------------	---------------	----------------	--------

D3166-3		Manufactured	No			100	Each	11.6211	0.3789			
											SAO	10-05-05
Basket Hoop												

Warehouse Loc Qty Loc Code

Location

Main Warehouse

WA

11.62112105

55697

2.1053E-05



56426

5.6211

57504

6

0.3789

D3759-1		Manufactured	No			100	Each	21.0000	2.0000			
												Pl 10.05.05
Bushing												

Warehouse Loc Qty Loc Code

Location

Main Warehouse

WA

21

54072

9

57595

12

B58759 → ①  
B57852 → ①

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

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**NOTE:** Date & initial all entries

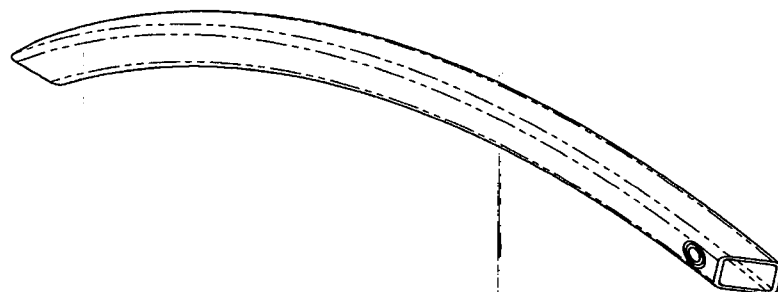


8 7 6 5 4 3 2 1

ITEM	QTY -041	QTY -042	P/N	DESCRIPTION
1	X		D3852-041	RIB ASSEMBLY
2		X	D3852-042	RIB ASSEMBLY
3	1	1	D3759-1	BUSHING
4	1		D3852-1	RIB
5		1	D3852-2	RIB



**D3852-041 RIB ASSEMBLY**



**D3852-042 RIB ASSEMBLY**

SHOP COPY  
RETURN TO  
ENGINEERING  
UNCONTROLLED COPY  
SUBJECT TO AMENDMENT  
WITHOUT NOTICE  
WORK ORDER  
NO. 58089  
BSO-4-22

RELEASED  
08/11/07 MP

- NOTES:
- 1) MATERIAL: N/A
  - 2) FINISH: NONE
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
  - 6) IDENTIFICATION: N/A
  - 7) WEIGHT: 0.83 lbs EACH
  - 8) WELDING: PER QSI 004

A	NEW ISSUE	MB	08.11.07
REV.		BY	DATE
DESIGN		DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN			
CHECKED		DRAWING NO.	REV. A
MFG. APPR.		D3852	SHEET 1 OF 3
APPROVED		TITLE	SCALE
DE APPR.		RIB ASSEMBLY	NTS
DATE	08.11.07	COPYRIGHT © 2008 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUBJECT TO THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

8 7 6 5 4 3 2 1

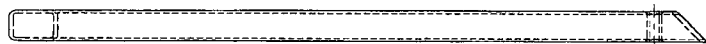
W/O:		WORK ORDER CHANGES					
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Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

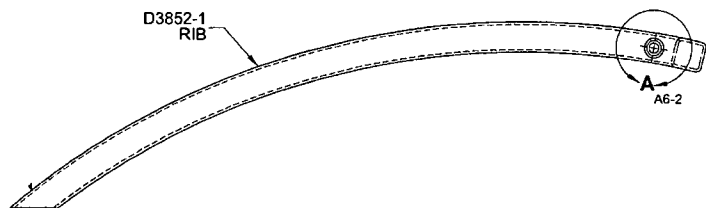
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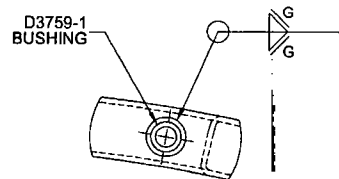
**NOTE:** Date & initial all entries



D3852-1  
RIB



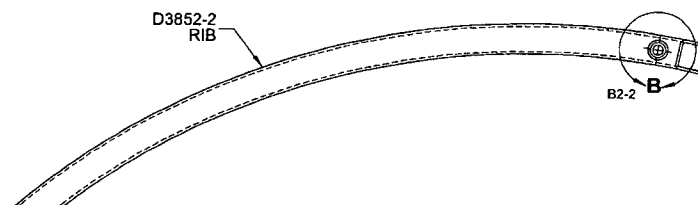
**D3852-041 RIB ASSEMBLY**



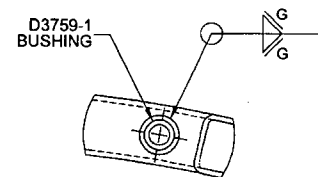
**DETAIL A**  
SCALE 2X C5-2



D3852-2  
RIB



**D3852-042 RIB ASSEMBLY**



**DETAIL B**  
SCALE 2X C2-2

*w/o 58089*

**RELEASED**  
*08/11/07*

DESIGN		<b>DART AEROSPACE LTD</b>	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>125</i>	DRAWING NO.	REV. A
MFG. APPR.	<i>NO</i>	<b>D3852</b>	SHEET 2 OF 3
APPROVED	<i>NO</i>	TITLE	SCALE
DE APPR.	<i>NO</i>	<b>RIB ASSEMBLY</b>	NTS
DATE	<b>08.11.07</b>	<small>COPYRIGHT © 2008 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD</small>	

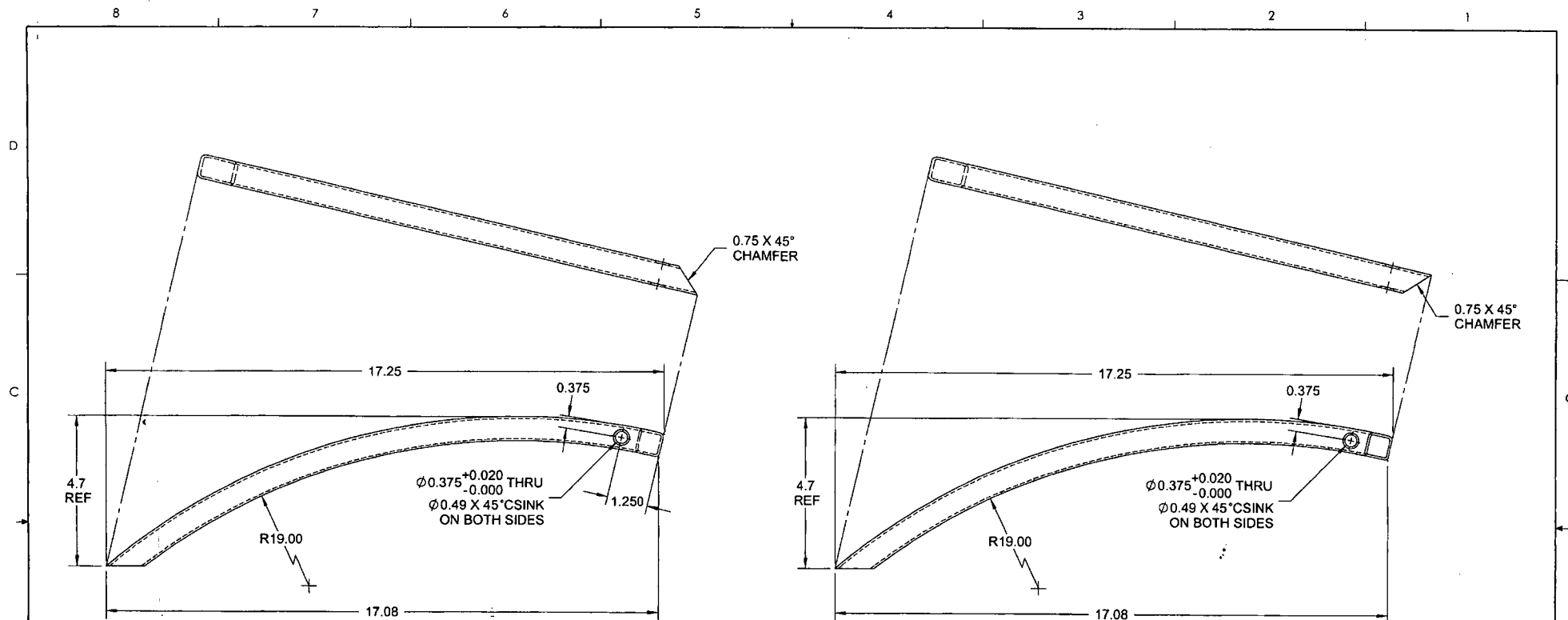
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NOTE: Date & initial all entries



**D3852-1 RIB**

**D3852-2 RIB**

**NOTES:**

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL SQUARE TUBE, 0.75 X 0.75 X 0.065 WALL  
REF. DART SPEC. M304TS0.750W0.065
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.82 lbs EACH

w/o 58089

**RELEASED**  
08/11/18

DESIGN		<b>DART AEROSPACE LTD</b>	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. A
MFG. APPR.	<i>[Signature]</i>	<b>D3852</b>	SHEET 3 OF 3
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	<b>RIB ASSEMBLY</b>	NTS
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